

## **Origins of surface ozone diurnal variations**

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According to measurements in Lovozero, the diurnal variations of surface ozone have a place during all months except of winter. Their connections with light radiation, temperature, wind velocity and humidity have been studied. All these meteorological parameters contribute into origin of the ozone diurnal variations, but the main reason is the photochemical cycle. The temperature influence is in dependence of rate of the reactions on temperature.